U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Complete if Known		
	Application Number		
	Filing Date	Herewith	
	First Named Inventor	Thomas J. Rehm	
	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
heet 1 of 2	Attorney Docket Number	110003.00032.03AB134	

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (* troom)			
Ky	1	<sup>US-</sup> 6.189.836	02-20-2001	Gold et al	
	2	<sup>US-</sup> 6,041,264	03-21-2000	Wruck et al	
	3	<sup>US-</sup> 5.936.158	08-10-1999	Ashizawa et al	
	4	<sup>US-</sup> 5.896.949	04-27-1999	Hamdy et al	
	5	<sup>US-</sup> 5,367,238	11-22-1994	Sakamoto et al	
	6	<sup>US-</sup> 5.623.189	04-22-1997	Hemmer	
	7	<sup>US-</sup> 5,343,132	08-30-1994	lwashita	
	8	<sup>US-</sup> 5,175,483	12-29-1992	Fujii et al	
	9	<sup>US-</sup> 4.969.757	11-13-1990	Spina	
0	10	<sup>US-</sup> 4.578.863	04-01-1986	Laverick	
<b>K</b>	11	us- 3.950.683	04-13-1976	Lamson	
		US-			
		US-	"		
		US-	1		

		FURE	IGN PATENT DOCU			
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY			
	1	1				Г

Signature Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tanguage

Examiner

Translation is attached.

Transation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450... DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Complete if Known	•
Application Number		
Filing Date	Herewith	
First Named Inventor	Thomas J. Rehm	
Art Unit		
Examiner Name		
Attorney Docket Number	110003.00032.03AB134	
	Filing Date First Named Inventor Art Unit Examiner Name	Filing Date Herewith First Named Inventor Thomas J. Rehm Art Unit Examiner Name

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
A	1	Resonant Load Control Methods for Industrial Servo Drives, 2000 IEEE, pp. 1438-1445, Ellis, et al.	
M	2	Acceleration Feedback Implemented Through The Utilization of An Observer As Applied To Robotic Manipulator; Peter B. Schmidt, Thesis - 1991	
			·

Signature Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not cliation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here it English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.